

ABSTRACT

A catalyst for reducing the nitrous oxide content in gas, which operates at relatively low temperatures, the activity of which is relatively insensitive to the presence of water vapor and which is highly resistant to hydrothermal degradation, is prepared from ferrierite exchanged with iron. Application to the treatment of gases with a low N_2O content, such as gases resulting from plants for the manufacture of nitric acid, and of gases with a high N_2O content, which are emitted during oxidations of organic compounds by nitric acid.